

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001583

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B01D 15/08, B01J 20/28, B01J 20/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B01D, B01J, G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPO-INTERNAL, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6528322 B1 (JAN CARLSSON ET AL), 4 March 2003 (04.03.2003), column 1, line 1 - line 8; column 2, line 51 - line 52; column 4, line 47 - line 61, column 6, line 40 - line 44; abstract --	1,3,10,47, 49,50,53
X	US 6426315 B1 (JAN BERSTROM ET AL), 30 July 2002 (30.07.2002), column 1, line 1 - column 2, line 45; column 3, line 46 - column 4, line 38; column 4, line 57 - column 5, line 25, column 6 - line 15 - line 26; examples, 1,3B --	1-3,5-7, 9-14,16-19, 32-43,45-53
Y	--	33,37

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

15 -02- 2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5561097 A (RAYMOND M. GLEASON ET AL), 1 October 1996 (01.10.1996), column 1, line 22 - line 26; column 3, line 58 - line 66; column 5, line 24 - line 35, column 2, line 23 - line 31.  --	1,3,11-14, 16,18,19, 41-43,47-53
X	US 5977345 A (WILLIAM H. VELANDER ET AL), 2 November 1999 (02.11.1999)  -- -----	1-3,5,11-14, 16-19,47-53

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

31/12/2004

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